

# Alvaro S Lima

## List of Publications by Year in descending order

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28  
papers

562  
citations

840585

11  
h-index

642610

23  
g-index

28  
all docs

28  
docs citations

28  
times ranked

732  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stabilization of water-in-oil emulsions using a wax ester synthesized by a new homemade heterogeneous biocatalyst. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 1726-1735.	1.6	2
2	Evaluation of lipase access tunnels and analysis of substance transport in comparison with experimental data. <i>Bioprocess and Biosystems Engineering</i> , 2022, 45, 1149-1162.	1.7	4
3	Design for preparation of more active cross-linked enzyme aggregates of <i>Burkholderia cepacia</i> lipase using palm fiber residue. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 57-66.	1.7	18
4	Gelatin-based mucoadhesive membranes containing inclusion complex of thymol/ $\beta$ -cyclodextrin for treatment of oral infections. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 184-194.	1.8	4
5	Potential Use of Crude Coffee Silverskin Oil in Integrated Bioprocess for Fatty Acids Production. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2021, 98, 519-529.	0.8	4
6	Preconcentration and chromatographic detection of atrazine in real water sample using aqueous two-phase system based on tetrahydrofuran and glycerol. <i>Environmental Quality Management</i> , 2021, 31, 39-48.	1.0	7
7	Computational and experimental analysis on the preferential selectivity of lipases for triglycerides in Licuri oil. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 2141-2151.	1.7	6
8	Aspectos socioambientais e doenças relacionadas à água contaminada em comunidades vulneráveis no Nordeste do Brasil. <i>Research, Society and Development</i> , 2021, 10, e458101019044.	0.0	1
9	Development of an ethanolic two-phase system (ETPS) based on polypropylene glycol 2000 + ethylene glycol + ethanol for separation of hydrophobic compounds. <i>Chemical Communications</i> , 2021, 57, 2156-2159.	2.2	9
10	Binary Mixture of Double Protic Ionic Liquid: Density, Viscosity, Refractive Index, Surface Tension, and Derivative Properties. <i>Journal of Chemical &amp; Engineering Data</i> , 2021, 66, 4309-4325.	1.0	3
11	Protic ionic liquids as constituent of aqueous two-phase system based on acetonitrile: Synthesis, phase diagrams and genipin pre-purification. <i>Fluid Phase Equilibria</i> , 2020, 507, 112425.	1.4	8
12	Synthesis of Dietetic Structured Lipids from Spent Coffee Grounds Crude Oil Catalyzed by Commercial Immobilized Lipases and Immobilized <i>Rhizopus oryzae</i> Lipase on Biochar and Hybrid Support. <i>Processes</i> , 2020, 8, 1542.	1.3	12
13	Integrative process to extract chlorophyll and purify rosmarinic acid from rosemary leaves () Tj ETQq1 1 0.784314 r <sub>g</sub> BT /Overlock 10 T <sub>g</sub> P <sub>g</sub>	1.6	6
14	Acetonitrile and Na <sup>+</sup> or K <sup>+</sup> Salts as Constituents of the Aqueous Two-Phase System: Equilibrium Data and Capsaicin Purification. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 4132-4141.	1.0	9
15	Enhanced Activity of Immobilized Lipase by Phosphonium-Based Ionic Liquids Used in the Support Preparation and Immobilization Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15648-15659.	3.2	26
16	Real textile effluents treatment using coagulation/flocculation followed by electrochemical oxidation process and ecotoxicological assessment. <i>Chemosphere</i> , 2019, 236, 124309.	4.2	44
17	Extraction and consecutive purification of anthocyanins from grape pomace using ionic liquid solutions. <i>Fluid Phase Equilibria</i> , 2017, 451, 68-78.	1.4	60
18	(Eco)toxicity and biodegradability of protic ionic liquids. <i>Chemosphere</i> , 2016, 147, 460-466.	4.2	96

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19	Novel aqueous two-phase systems based on tetrahydrofuran and potassium phosphate buffer for purification of lipase. <i>Process Biochemistry</i> , 2015, 50, 1459-1467.	1.8	41
20	New strategy to apply perfluorodecalin as an oxygen carrier in lipase production: minimisation and reuse. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 721-728.	1.7	4
21	Poly(vinyl alcohol) as a novel constituent to form aqueous two-phase systems with acetonitrile: Phase diagrams and partitioning experiments. <i>Chemical Engineering Research and Design</i> , 2015, 94, 317-323.	2.7	20
22	Effect of ionic liquids as adjuvants on PEG-based ABS formation and the extraction of two probe dyes. <i>Fluid Phase Equilibria</i> , 2014, 375, 30-36.	1.4	67
23	Purification of lipase produced by a new source of <i>Bacillus</i> in submerged fermentation using an aqueous two-phase system. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3853-3858.	1.2	59
24	Partitioning of Porcine Pancreatic Lipase in a Two-Phase Systems of Polyethylene Glycol/Potassium Phosphate Aqueous. <i>Applied Biochemistry and Biotechnology</i> , 2010, 161, 288-300.	1.4	45
25	Characterisation of a green-lipase from <i>Aspergillus niger</i> immobilised on polyethersulfone membranes. <i>Acta Scientiarum - Technology</i> , 0, 42, e44498.	0.4	3
26	Aqueous two-phase systems in Latin America: perspective and future trends. <i>Journal of Chemical Technology and Biotechnology</i> , 0, , .	1.6	3
27	Water and health risk assessment in the Aracaju Expansion Zone - SE. <i>Ambiente &amp; Sociedade</i> , 0, 23, .	0.5	0
28	Contribuição dos insumos no custo total do bioprocesso para produção de biolubrificante em escala de laboratório. <i>Sustentabilidade</i> , 0, 2, 1-10.	0.0	1